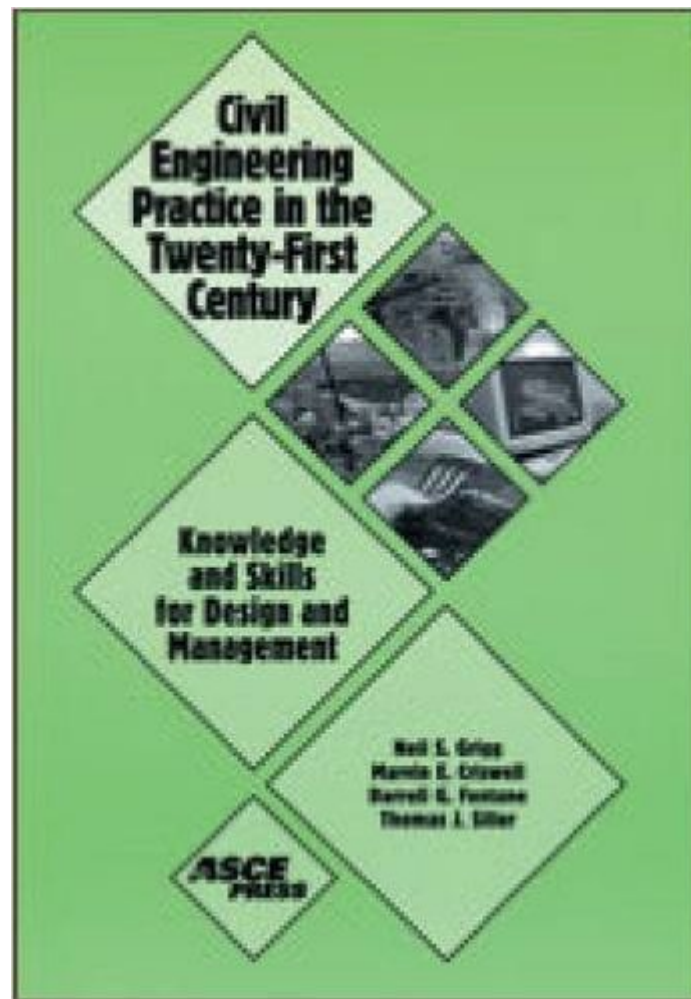


The book was found

# Civil Engineering Practice In The Twenty-First Century: Knowledge And Skills For Design And Management



## Synopsis

As civil engineering work changes, a new kind of civil engineer will be required. Civil engineers will continue to take on many different roles, including project planner and advocate, regulator, analyst and designer, and builder, as well as working in any of several technical areas. From applying new technologies and adapting new management strategies to becoming internet-savvy and streamlining the construction process, civil engineers must master a different set of skills than in the past. "Civil Engineering Practice in the Twenty-First Century" details the essential skills and strategies civil engineers need to be successful in the 21st Century. The topics include critical thinking, finance and economics, communications, management, design skill, and law and ethics. The additional topics include civil engineering heritage and future, consequences of civil engineering, work and careers of civil engineers, and engineering design and the infrastructure life cycle. "Civil Engineering Practice in the Twenty-First Century" is designed to supplement the technical preparation of engineers and other technical professionals. The nontechnical focus of this book supports the Accreditation Board for Engineering and Technology's (ABET's) Engineering Criteria 2000.

## Book Information

Paperback: 264 pages

Publisher: Amer Society of Civil Engineers (April 2001)

Language: English

ISBN-10: 0784405263

ISBN-13: 978-0784405260

Product Dimensions: 0.5 x 6.8 x 9.5 inches

Shipping Weight: 1 pounds

Average Customer Review: 5.0 out of 5 starsÂ Â See all reviewsÂ (1 customer review)

Best Sellers Rank: #1,378,618 in Books (See Top 100 in Books) #87 inÂ Books > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Management #178 inÂ Books > Engineering & Transportation > Engineering > Design #1152 inÂ Books > Textbooks > Engineering > Civil Engineering

## Customer Reviews

This book tells you all about the works of Civil Engineers that the Engineering Teacher will not tell you in class. Read it to get motivated and start building something you can point at and tell your neighbours "Hey, I built that ..."

[Download to continue reading...](#)

Civil Engineering Practice in the Twenty-First Century: Knowledge and Skills for Design and Management Organising Knowledge: Taxonomies, Knowledge and Organisational Effectiveness (Chandos Knowledge Management) Practice Problems for the Civil Engineering PE Exam: A Companion to the Civil Engineering Reference Manual, 14th Ed Practice Problems for the Civil Engineering PE Exam: A Companion to the Civil Engineering Reference Manual, 13th Ed Wonderlic Basic Skills Test Practice Questions: WBST Practice Tests & Exam Review for the Wonderlic Basic Skills Test (First Set) Fundamentals of Earthquake Engineering (Civil engineering and engineering mechanics series) Reinforced Concrete: Mechanics and Design (4th Edition) (Civil Engineering and Engineering Mechanics) Earthquake Engineering: Damage Assessment and Structural Design (Methods & Applications in Civil Engineering) American Higher Education in the Twenty-First Century: Social, Political, and Economic Challenges Storytelling Globalization from the Chaco and Beyond (New Ecologies for the Twenty-First Century) Alchemy in the Rain Forest: Politics, Ecology, and Resilience in a New Guinea Mining Area (New Ecologies for the Twenty-First Century) The Origins of the Modern World: A Global and Environmental Narrative from the Fifteenth to the Twenty-First Century (World Social Change) Visions for Change: Crime and Justice in the Twenty-First Century (5th Edition) Forensic Science in Court: Challenges in the Twenty First Century (Issues in Crime and Justice) Race and Reparations: A Black Perspective for the Twenty-First Century Slaying the Nuclear Dragon: Disarmament Dynamics in the Twenty-First Century (Studies in Security and International Affairs) Understanding and Dismantling Racism: The Twenty-First Century Challenge to White America (Facets) The Reproach of Hunger: Food, Justice, and Money in the Twenty-First Century Freedom for the Seas in the Twenty-First Century: Ocean Governance and Environmental Harmony Thailand in Pictures (Visual Geography (Twenty-First Century))

[Dmca](#)